

DATE: August 26, 2021

TO: Todd Wyett, Chairman
State Transportation Commission

FROM: Paul C. Ajegba
Director

SUBJECT: Waiver of Commission Approval

The projects and descriptions documented in Exhibit A, attached, are contracts between the Michigan Department of Transportation, local public agencies, rail, and passenger transportation. These contracts require approval of the State Transportation Commission (STC). The approximate 8-week delay if Commission approval were deferred to the next STC meeting of October 21, 2021, would result in a delay in transmittal of funds, jeopardize project schedules, and transportation services.

The projects and descriptions documented in Exhibit A-1 attached, will be let by the Michigan Department of Transportation on September 3, 2021. These projects require pre-approval as the engineers' estimates are over \$500,000. The approximate 8-week delay resulting if Commission pre-approval were deferred to the next STC meeting on October 21, 2021, would delay the transmittal of the contract documents to the low bidders, and jeopardize the construction schedules.

The projects and descriptions documented in Exhibit A-2, attached, were let by the Michigan Department of Transportation on July 9, 2021, and August 6, 2021. The low bids received were more than 10% over the engineers' estimate, and therefore require approval by the STC. The approximate 8-week delay resulting if Commission approval were deferred to the next STC meeting on October 21, 2021, would delay the transmittal of the contract documents to the low bidders, and jeopardize the construction schedule.

The projects and descriptions documented in Exhibit A-3, attached, were let on July 9, 2021 and August 6, 2021. These projects are being submitted for informational purposes only since the engineers' estimates were less than \$500,000.

Thus, a waiver of the required Commission approval is requested, as provided in Commission Resolution 79-3, as amended, footnote F:

"If, in the opinion of the Director, the public interest requires that a certain contract be awarded or an agreement be executed prior to approval by the Commission, hereunder, the Director shall seek a waiver of the required approval from the Chairman of the Transportation Commission. If the request of the approval is verbal, the waiver shall be confirmed, in writing, within fourteen (14) days."

If the waiver is granted, the Department will proceed to execute the items noted above.

Director

The request for waiver of Commission approval of the above-mentioned item is approved.

Todd Wyett, Chairman

Date

OFFICE MEMORANDUM

DATE: August 26, 2021

TO: State Transportation Commission

FROM: Jack Cotter, CPA, CGMA
Commission Auditor
Office of Commission Audits

SUBJECT: State Transportation Commission Agenda – Exhibit A
August 26, 2021

As information requested by the Commission, the Office of Commission Audits (OCA) notes in Attachment 1, the Schedule of Receivables Outstanding, that Exhibit A includes entities that owe the department funds exceeding \$20,000 for more than 120 days. Attachment 1 shows relevant information regarding the receivables as of August 24, 2021.

Also, Guidance Document 10044, *Michigan Department of Transportation (MDOT) Requests for OCA Attestation Engagements and Procedures Regarding the Processing of Independent Certified Public Accountant's Review Reports*, requires the department to process OCA independent certified public accountant's review reports within 120 days of issuance. As of August 24, 2021, Exhibit A does not include any entities for which auditor's reports were not processed within the required timeline.

Jack Cotter, CPA, CGMA
Commission Auditor

Attachment

cc: T. Hagon

Office of Commission Audits
Schedule of Receivables Outstanding
For Amounts Owed Prior to April 26, 2021
As of August 24, 2021

| <u>Entity</u> | <u>Reference No.</u> | <u>Type of Receivable</u> | <u>Outstanding</u> | <u>Invoice Date(s)</u> |
|-----------------|-------------------------|---------------------------|--------------------|-----------------------------------|
| City of Detroit | Items 4, 5, 8, and 9 | Local Progress Billing | \$ 1,905,049 | June 27, 2019 - March 31, 2021 |

Comments:

The \$1,905,049 balance represents a net decrease since January 21, 2021, of \$4,756,517 in the department's receivables outstanding for more than 120 days. January 2021 was the last time the city was on the State Transportation Commission's Exhibit A.

Since the January waiver, the city decreased its total payables to the department by \$6,254,364.

**DETROIT AMOUNTS AGGREGATED SINCE JANUARY 2021
WAIVER**

The city's outstanding receivables totaled \$8,931,708 as of the January 21, 2021, waiver.

CHANGE IN TOTAL RECEIVABLES

| | |
|-------------------|--------------|
| \$ 8,931,708 | January 2021 |
| <u>-2,677,344</u> | August 2021 |
| \$ 6,254,364 | Decrease |

The city's current total outstanding is \$2,677,344. This represents a net decrease of \$6,254,364 since January 21, 2021.

CHANGE IN RECEIVABLES OVER 120 DAYS

| | |
|-------------------|--------------|
| \$ 6,661,566 | January 2021 |
| <u>-1,905,049</u> | August 2021 |
| \$ 4,756,517 | Decrease |

Office of Commission Audits
 Schedule of Receivables Outstanding
 For Amounts Owed Prior to April 26, 2021
 As of August 24, 2021

| <u>Entity</u> | <u>Reference No.</u> | <u>Type of Receivable</u> | <u>Outstanding</u> | <u>Invoice Date</u> |
|----------------------------------------------|----------------------|---------------------------|--------------------|---------------------|
| Wisconsin Department of Transportation | Item 65 | Local Progress Billing | \$ 63,391 | February 28, 2021 |

Comments:

The Wisconsin Department of Transportation (WDOT) owes \$63,391 to MDOT for the local share of bridge deck replacement, painting, substructure repair, and approach work for a shared bridge over the Menominee River, in Dickinson County. MDOT does not have any concerns regarding the collection of this receivable. Finance, in collaboration with the Crystal Falls Transportation Service Center, reissued the original statement to WDOT on August 18, 2021, and anticipates payment from WDOT.

REQUEST FOR MICHIGAN STATE TRANSPORTATION
COMMISSION APPROVAL

CONTRACTS

August 26, 2021

The following contracts are being submitted for approval. The appropriate documents will be approved by the Attorney General and comply with all legal and fiscal requirements prior to award.

CONTRACTS

1. HIGHWAYS - Participation for Local Construction

Contract (2021-5152) between MDOT and Lansing Board of Water and Light will provide for funding participation in the following:

Overhead electrical line and streetlight relocation work for the culvert replacement work for Structure C01 of 33081, which carries Highway I-96BL over the Horsebrook Creek.

Estimated Funds:

| | |
|--------------------------------------|------------------|
| State Restricted Funds | \$ 54,600 |
| Federal Highway Administration Funds | <u>\$246,200</u> |
| Total Funds | <u>\$300,800</u> |

NH 33081-132627CON; Ingham County
Local Utility Relocation

2. HIGHWAYS - Participation for Local Agency Contract

Contract (2021-5332) between MDOT and the Road Commission for Oakland County will provide for participation in the following improvements:

Traffic Operations Center work for fiscal year 2022, including general operation, communications, equipment management, and system management work, and all necessary related work.

Estimated Funds:

| | |
|------------------------------------------|--------------------|
| Federal Highway Administration Funds | \$2,320,000 |
| Road Commission for Oakland County Funds | <u>\$ 580,000</u> |
| Total Funds | <u>\$2,900,000</u> |

CPM 63000 – 208684OPS
No Letting

3. PASSENGER TRANSPORTATION - Section 5316 Program
Project Authorization (27) Revision (7) under Master Agreement (2007-0162) between MDOT and the Ann Arbor Area Transportation Authority (AAATA) will extend the authorization term by one year to provide sufficient time for the (AAATA) to complete the project. The MyRide program was delayed because of coronavirus restrictions. The remaining funds will be utilized now that the MyRide program has resumed. The original authorization provides state matching funds for the AAATA's FY 2010 Federal Section 5316 Job Access and Reverse Commute Program grant for operating assistance. The revised authorization term will be September 23, 2010, through September 30, 2022. The authorization amount remains unchanged at \$1,411,900. The term of the master agreement is from October 1, 2006, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2007 through FY 2011. Source of Funds: Federal Transit Administration Funds - \$764,127; FY 2010, FY 2011, and FY 2013 State Restricted Comprehensive Transportation Funds - \$647,773.
4. PASSENGER TRANSPORTATION - Section 5317 Program
Project Authorization (20) Revision (7) under Master Agreement (2007-0201) between MDOT and the City of Detroit will extend the authorization term by one year to provide sufficient time for the city to use the remaining operating funds. The original authorization provides state matching funds for the City's FY 2008, FY 2009, FY 2010, FY 2011, and FY 2012 Federal Section 5317 New Freedom Program grant for vans, mobility management, support equipment, and program administration. The revised authorization term will be September 23, 2010, through September 30, 2023. The authorization amount remains unchanged at \$7,226,860. The toll credit amount remains unchanged at \$249,911. The term of the master agreement is from October 1, 2006, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2007 through FY 2011. Source of Funds: Federal Transit Administration Funds - \$4,663,137; FY 2009 and FY 2014 State Restricted Comprehensive Transportation Funds - \$1,230,604; City Funds - \$1,333,119; Toll Credits - \$249,911.
5. PASSENGER TRANSPORTATION - Section 5316 Program
Project Authorization (25) Revision (6) under Master Agreement (2007-0201) between MDOT and the City of Detroit will extend the authorization term by two years to provide sufficient time for the City to complete the projects. Some projects were delayed because the City received nonresponsive bids; those projects will need to be re-advertised. The original authorization provides state matching funds for the City's FY 2008, FY 2009, FY 2010, FY 2011 Federal Section 5316 Job Access and Reverse Commute Program grant for expansion buses, support equipment, operating assistance, and mobility management. The revised authorization term will be September 23, 2010, through September 22, 2023. The authorization amount remains unchanged at \$12,068,154. The term of the master agreement is from October 1, 2006, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2007 through FY 2011. Source of Funds: Federal Transit Administration Funds - \$6,308,395; FY 2010, FY 2011, FY 2012, FY 2013, and FY 2014 State Restricted Comprehensive Transportation Funds - \$5,759,759.

6. PASSENGER TRANSPORTATION - Section 5307 Program
Project Authorization (38) Revision (8) under Master Agreement (2007-0294) between MDOT and the Suburban Mobility Authority for Regional Transportation (SMART) will extend the authorization term by two years to provide sufficient time for SMART to submit final payments for costs that were incurred before the original authorization expiration date. The additional time is needed because of changes in agency management and recent reconciliations. The original authorization provides state matching funds for SMART's FY 2010 Federal Section 5307 Urbanized Area Formula Capital Program grant for preventive maintenance, fuel, facility renovations, security equipment, shop equipment, fare collection equipment, bus shelters, bus parts, and replacement buses. The revised authorization term will be December 6, 2010, through December 5, 2021. The authorization amount remains unchanged at \$54,823,205. The toll credit amount remains unchanged at \$2,992,343. The term of the master agreement is from October 1, 2006, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2007 through FY 2011. Source of Funds: Federal Transit Administration Funds - \$46,847,210; FY 2010 and FY 2011 State Restricted Comprehensive Transportation Funds - \$7,971,372; SMART Funds - \$4,623.
7. PASSENGER TRANSPORTATION - Section 5310 Program
Project Authorization (25) Revision (4) under Master Agreement (2012-0033) between MDOT and the Ann Arbor Area Transportation Authority will extend the authorization term by one year. The purchase of a van has been delayed due to coronavirus restrictions. The original authorization provides state matching fund for the FY 2016 Federal Section 5310 Elderly and Persons with Disabilities Program grant for replacement and expansion buses, hardware, and software. The revised authorization term will be September 23, 2016, through September 22, 2022. The authorization amount remains unchanged at \$583,156. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$484,754; State Restricted Comprehensive Transportation Funds - \$98,402.
8. PASSENGER TRANSPORTATION - Section 5309 Program
Project Authorization (8) Revision (3) under Master Agreement (2012-0072) between MDOT and the City of Detroit will extend the authorization term by two years to provide sufficient time for the City to complete the projects. The original authorization provides state matching funds for the FY 2011 and FY 2012 Federal Section 5309 Capital Discretionary Program and State of Good Repair Program grant for bus rehabilitation/rebuild, facility rehabilitation and renovation, and the purchase of mobile surveillance/security equipment and computer software. The revised authorization term will be October 30, 2013, through October 29, 2023. The authorization amount remains unchanged at \$26,897,864. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$21,518,291; State Restricted Comprehensive Transportation Funds - \$5,379,573.

9. PASSENGER TRANSPORTATION - Section 5309 Program
Project Authorization (13) Revision (3) under Master Agreement (2012-0072) between MDOT and the City of Detroit will extend the authorization term by one year to provide sufficient time for the City to complete the projects. The original authorization provides state matching funds for the City's FY 2014 Federal Section 5309 Capital Discretionary Program and Ladders of Opportunity Program grant for the purchase of diesel, hybrid, and articulated replacement buses; miscellaneous support equipment; and capital maintenance items. The revised authorization term will be June 16, 2015, through June 15, 2022. The authorization amount remains unchanged at \$32,406,935. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$25,925,548, FY 2015 State Restricted Comprehensive Transportation Funds - \$6,481,387.
10. PASSENGER TRANSPORTATION - Section 5307 Program
Project Authorization (17) Revision (3) under Master Agreement (2012-0104) between MDOT and the Interurban Transit Partnership (ITP) will adjust the funding between line items and will extend the authorization term by one year to provide sufficient time for ITP to complete the projects. Funding will be reallocated to the compressed natural gas replacement buses from the replacement vanpool vans and the Clear Air Action Days. Because of coronavirus restrictions, the vanpool vans were not used and are not ready for replacement and Clean Air Action Day events were not held. The original authorization provides state matching funds for the FY 2016 and FY 2017 Federal Section 5307 Urbanized Area Formula Program and Congestion Mitigation and Air Quality Improvement Program grant for the purchase of compressed natural gas replacement buses, replacement vans, Clean Air Action Days, and commuting alternatives. The authorization amount remains unchanged at \$4,808,414. The revised authorization term will be September 23, 2016, through September 22, 2022. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$3,932,731; State Restricted Comprehensive Transportation Funds - \$875,683.
11. PASSENGER TRANSPORTATION - Section 5307/CMAQ/Small Urban Programs
Project Authorization (13) Revision (5) under Master Agreement (2012-0129) between MDOT and the Mass Transportation Authority (MTA) will extend the authorization term by three months to provide sufficient time for MTA to finalize payments. The authorization expired due to a miscommunication with the new grants administrator. The original authorization provides state matching funds for the MTA's FY 2013, FY 2014, and FY 2015 Federal Section 5307 Urbanized Area Formula Capital Program, Congestion Mitigation and Air Quality (CMAQ) Improvement Program, and Small Urban Program grant for the purchase of replacement vehicles. The revised authorization term will be September 24, 2013, through December 23, 2020. The authorization amount remains unchanged at \$4,448,099. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$3,558,479; FY 2013, FY 2014, and FY 2015 State Transportation Funds - \$889,620.

12. PASSENGER TRANSPORTATION - Section 5307 Program
Project Authorization (17) Revision (5) under Master Agreement (2012-0170) between MDOT and the Suburban Mobility Authority for Regional Transportation (SMART) will extend the authorization term by one year to provide sufficient time for SMART to complete the projects. SMART realized cost savings on some projects and will use the remaining funding to complete facility renovation projects. The original authorization provides state matching funds for SMART's FY 2013 Federal Section 5307 Urbanized Area Formula Capital Program grant for preventive maintenance, facility renovation and enhancements, vehicles and vehicle parts, fare collection, and computer and maintenance equipment. The revised authorization term will be September 20, 2013, through September 19, 2022. The authorization amount remains unchanged at \$81,901,770. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$65,521,414; State Restricted Comprehensive Transportation Funds - \$16,380,356.
13. PASSENGER TRANSPORTATION - Section 5310 Program
Project Authorization (20) Revision (4) under Master Agreement (2012-0170) between MDOT and the Suburban Mobility Authority for Regional Transportation (SMART) will extend the authorization term by one year to provide sufficient time for SMART to complete the projects. The projects were delayed because of delays in the execution of subrecipient contracts and delays in the hiring process. The original authorization provided state matching funds for the FY 2013 Federal Section 5310 Elderly and Persons with Disabilities Program grant for the purchase of replacement and expansion vehicles. The revised authorization term will be September 25, 2015, through September 24, 2022. The authorization amount remains unchanged at \$4,769,433. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$3,815,546; State Restricted Comprehensive Transportation Funds - \$953,887.
14. PASSENGER TRANSPORTATION - Section 5307 and Section 5339 Programs
Project Authorization (42) Revision (3) under Master Agreement (2012-0170) between MDOT and the Suburban Mobility Authority for Regional Transportation (SMART) will extend the authorization term by two years to provide sufficient time for SMART to complete the projects. The projects were delayed because of coronavirus restrictions and staffing changes within the agency. The original authorization provides state matching funds for the FY 2016 Federal Section 5307 Urbanized Area Formula Program, Congestion Mitigation and Air Quality Improvement Program, and Federal Section 5339 Bus and Bus Facilities Formula Program grant for the purchase of replacement, expansion, and support vehicles; computer hardware and software; fare collection; vehicle locator; shop and security equipment; preventive maintenance; employee training; and facility renovation projects. The revised authorization term will be September 23, 2016, through September 22, 2023. The authorization amount remains unchanged at \$67,287,692. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$53,830,152; State Restricted Comprehensive Transportation Funds - \$13,457,540.

15. PASSENGER TRANSPORTATION – Section 5307 Program

Project Authorization (35) under Master Agreement (2017-0017) between MDOT and the Bay Metropolitan Transportation Authority will provide state matching funds for the FY 2021 Federal Section 5307 Transit Formula Grants Program grant for facility improvements, van replacements, and computer equipment. The authorization will be in effect from July 9, 2021, through July 8, 2025. The authorization is retroactive due to the effective date matching the federal grant effective date. The authorization amount will be \$718,750. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$575,000; State Restricted Comprehensive Transportation Funds - \$143,750.

16.-24. PASSENGER TRANSPORTATION - Section 5339 Program

The following project authorizations issued under master agreements between MDOT and the following agencies will provide federal funds and state matching funds for vehicle purchases under the FY 2019 and 2021 Federal Section 5339 Bus and Bus Facilities Formula Program grant and the FY 2017 and FY 2018 Federal Section 5339(b) Bus and Bus Facilities Competitive Program grant. The authorizations will be in effect from August 4, 2021, through August 3, 2024. The total amount of the authorizations will be \$4,069,789. The terms of the master agreements are from October 1, 2016, until the last obligations between the parties have been fulfilled. The master agreements include authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$3,255,831; State Restricted Comprehensive Transportation Funds - \$813,958.

| | <u>Agreement/ Authorization</u> | <u>Agency</u> | <u>Total</u> |
|-----|-------------------------------------|--------------------------------------------|--------------|
| 16. | 2017-0019/9 | Belding, City of | \$297,369 |
| 17. | 2017-0020/28 | Benzie Transportation Authority | \$384,922 |
| 18. | 2017-0037/21 | Clinton Area Transit System | \$349,617 |
| 19. | 2017-0056/19 | Greater Lapeer Transportation Authority | \$669,492 |
| 20. | 2017-0066/24 | Huron County Board of Commissioners | \$360,524 |
| 21. | 2017-0087/17 | Manistee County Board of Commissioners | \$431,203 |
| 22. | 2017-0128/28 | St. Joseph County Transportation Authority | \$297,450 |
| 23. | 2017-0131/14 | Thunder Bay Transportation Authority | \$668,028 |
| 24. | 2017-0140/18 | Yates Township | \$611,184 |

25.-28. PASSENGER TRANSPORTATION - Section 5311 Capital Program

The following project authorizations issued under master agreements between MDOT and the following agencies will provide federal funds and state matching funds for the purchase of vehicles and facilities equipment under the FY 2021 Federal Section 5311 Formula Grants for Rural Areas Program and Small Cities Program grant. The authorizations will be in effect from the effective date of the federal grant through three years. The authorizations may be retroactive due to the effective dates matching the federal grant effective date. The total amount of the authorizations will be \$1,396,647. The terms of the master agreements are from October 1, 2016, until the last obligations between the parties have been fulfilled. The master agreements include authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$1,117,319; FY 2021 State Restricted Comprehensive Transportation Funds - \$279,328.

| | <u>Agreement/ Authorization</u> | <u>Agency</u> | <u>Total</u> |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------|
| 25. | 2017-0021/11 | Berrien County Board of Commissioners | \$290,317 |
| 26. | 2017-0056/20 | Greater Lapeer Transportation Authority | \$328,595 |
| 27. | 2017-0080/21 | Lenawee County Board of Commissioners | \$256,687 |
| 28. | 2017-0087/18 | Manistee County Board of Commissioners | \$521,048 |
| 29. | <u>PASSENGER TRANSPORTATION - Service Initiatives</u> Project Authorization (16) under Master Agreement (2017-0027) between MDOT and the Capital Area Transportation Authority will provide \$1,800,000 in state funds for a 40-foot automated electric bus and associated infrastructure. This project, in undertaken partnership with Michigan State University (MSU), is part of the national Automated Bus Consortium and will demonstrate the feasibility of operating large automated electric buses in a variety of service environments, including the MSU campus. The authorization will be in effect from the date of award through four years. The authorization amount will be \$1,800,000. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: FY 2021 State Comprehensive Transportation Funds - \$1,800,000. | | |
| 30. | <u>PASSENGER TRANSPORTATION - Michigan Mobility Challenge</u> Project Authorization (11) Revision (3) under Master Agreement (2017-0041) between MDOT and the Delta Area Transit Authority will reduce the authorization amount by \$20,988 in Michigan Economic Development Corporation (MEDC) funding. Delta Area Transit Authority has terminated the project, and the balance will be transferred to the Western-Washtenaw Area Value Express authorization (2017-0139/P10) to continue the project. The original authorization provides 100 percent state funds for a demonstration project focused on increasing on-demand and scheduled accessible transportation options. The authorization term remains unchanged, April 1, 2019, through December 31, 2021. The revised authorization amount will be \$1,197,141. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: FY 2018 State Transportation Funds - \$1,178,129; MEDC Funds - \$19,012. | | |
| 31. | <u>PASSENGER TRANSPORTATION - Ferry Boat</u> Project Authorization (10) Revision (2) under Master Agreement (2017-0047) between MDOT and the Eastern Upper Peninsula Transit Authority (EUPTA) will provide additional funds of \$2,478,373 for the construction of a new ferry boat, will adjust the funding between line items, and will extend the authorization term by one year to provide sufficient time for EUPTA to complete the project. Additional funding is required for the project because of the high cost of steel. The original authorization provides state matching funds for the Federal Ferry Boat Discretionary and Formula Programs grant for the purchase of a ferry boat and for architectural and engineering services. The revised authorization term will be, January 29, 2019, through January 28, 2023. The revised authorization amount will be \$4,920,244. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Ferry Boat Discretionary and Formula Programs Funds - \$1,953,497; State Restricted Comprehensive Transportation Funds - \$2,966,747. | | |

32.-33. PASSENGER TRANSPORTATION - Ferry Boat

The following project authorizations under master agreements between MDOT and the following agencies will provide state matching funds for the Federal Section 70 Ferry Boat Construction and Miscellaneous Program for vessel upgrades, facility construction, and dock improvements and rehabilitation. The authorizations will be in effect from the effective date of the federal grant through three years. The authorizations may be retroactive due to the effective dates matching the federal grant effective date. The total amount of the authorizations will be \$1,633,439. The term of the master agreement for the Mackinac Island Transportation Authority is from May 1, 2020, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2020 through FY 2021. The term of the master agreement for the Eastern Upper Peninsula Transportation Authority is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration - \$1,274,628; FY 2021 State Restricted Comprehensive Transportation Funds - \$358,811.

| | <u>Agreement/ Authorization</u> | <u>Agency</u> | <u>Total</u> |
|-----|-------------------------------------|--------------------------------------------------|--------------|
| 32. | 2017-0047/29 | Eastern Upper Peninsula Transportation Authority | \$1,162,719 |
| 33. | 2020-0690/2 | Mackinac Island Transportation Authority | \$470,720 |

34. PASSENGER Transportation - Section 5310 Program

Project Authorization (3) Revision (2) under Master Agreement (2017-0064) between MDOT and Hope Network, Inc., will extend the authorization term by one year to provide sufficient time for the agency to complete the projects. The purchase of an administrative vehicle has been delayed due to the unavailability of computer chips necessary for major components. The original authorization provides federal funds and state matching funds under the FY 2018 Federal Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities Program for replacement buses, sport utility vehicles, an administrative vehicle, and office equipment. The authorization amount remains unchanged at \$562,744. The revised authorization term will be September 21, 2018, through September 20, 2022. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$450,195; State Restricted Comprehensive Transportation Funds - \$112,549.

35.-37. PASSENGER TRANSPORTATION - Section 5310 Program

The following project authorizations issued under master agreements between MDOT, and the following agencies will provide state and local matching funds for the FY 2021 Federal Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities Program grant for the purchase of vehicles. The authorizations will be in effect from the date of award of the federal grant through three years. The authorizations may be retroactive due to the effective date matching the effective date of the federal grant. The total amount of the authorizations will be \$2,127,825. The terms of the master agreements are from October 1, 2016, until the last obligations between the parties have been fulfilled. The master agreements include authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$1,644,303; State Restricted Comprehensive Transportation Funds - \$411,077; Insurance Funds - \$72,445.

| | <u>Agreement/ Authorization</u> | <u>Agency</u> | <u>Total</u> |
|-----|-------------------------------------|--------------------|--------------|
| 35. | 2017-0064/9 | Hope Network, Inc. | \$647,821 |
| 36. | 2017-0115/20 | People's Express | \$633,861 |
| 37. | 2017-0116/19 | Pioneer Resources | \$846,143 |

38. PASSENGER TRANSPORTATION - 100% State Service Initiatives
Project Authorization (14) Revision (1) under Master Agreement (2017-0066) between MDOT and the Huron County Board of Commissioners will provide additional funds of \$582,058 for a revenue vehicle and facility construction. The original authorization provides 100 percent State Service Initiative funds for architectural, engineering, and design services for transportation facility construction projects. The authorization term remains unchanged, October 28, 2019, through October 27, 2022. The revised authorization amount will be \$602,058. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: State Restricted Comprehensive Transportation Funds - \$602,058.
39. PASSENGER TRANSPORTATION - Section 5311 Capital Program
Project Authorization (5) Revision (2) under Master Agreement (2017-0080) between MDOT and the Lenawee County Board of Commissioners will add line items for facility improvements and office furniture and will adjust the funding between the line items. The County has designated these projects as high priorities. The original authorization provides state matching funds for the FY 2017 Federal Section 5311 Formula Grants for Rural Areas Program, Surface Transportation Program, Congestion Mitigation and Air Quality Improvement Program, and Small Cities Program grant for the purchase of vehicles and equipment. The authorization term remains unchanged, September 22, 2017, through September 21, 2021. The authorization amount remains unchanged at \$309,812. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$247,850; State Restricted Comprehensive Transportation Funds - \$61,962.
40. PASSENGER TRANSPORTATION - Section 5307, Section 5339, and CMAQ Programs
Project Authorization (25) Revision (1) under Master Agreement (2017-0092) between MDOT and the Mass Transportation Authority will provide additional state funds of \$550,000 from the Michigan Department of Health and Human Services (MDHHS) and \$550,000 from the Michigan Department of Labor and Economic Opportunity (MDLEO) for the Job Access and Reverse Commute (JARC) line item. The original authorization provides state matching funds for the FY 2020 Federal Section 5307 Transit Formula Grants Program, FY 2020 Section 5339 Bus and Bus Facilities Formula Program, and Congestion Mitigation and Air Quality (CMAQ) Improvement Program grant for capital maintenance parts, automatic data processing hardware and software, vehicles, bus shelters and pads, preventive maintenance, shop and mobile surveillance/security equipment, rehabilitation/renovation of facilities, and job access and reverse commute operating assistance. The JARC line item provides work-related transportation to Genesee County residents accessing jobs in Oakland, Livingston, Lapeer, Saginaw, Shiawassee, and Genesee Counties. The authorization term remains unchanged, August 18, 2020, through August 17, 2024. The revised authorization amount will be \$11,807,884. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$8,386,308; FY 2020 State Restricted Comprehensive Transportation Funds - \$2,321,576; MDHHS Funds - \$550,000; MDLEO Funds - \$550,000.

41. PASSENGER TRANSPORTATION - Section 5307, Section 5339, and CMAQ Programs
Project Authorization (32) under Master Agreement (2017-0092) between MDOT and the Mass Transportation Authority will provide state matching funds for the FY 2021 Federal Section 5307 Transit Formula Grants Program, FY 2021 Section 5339 Bus and Bus Facilities Formula Program, and Congestion Mitigation and Air Quality (CMAQ) Improvement Program grant for capital maintenance items, shop equipment, expansion and support vehicles, automatic data processing hardware and software, bus shelters and pads, power equipment, construction of a storage facility, preventive maintenance, mobile surveillance/security equipment, rehabilitation/renovation of facilities, and job access and reverse commute operating assistance. The authorization will be in effect from the effective date of the federal grant through four years. The authorization may be retroactive due to the effective date matching the federal grant effective date. The authorization amount will be \$10,558,660. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$8,266,928; State Restricted Comprehensive Transportation Funds - \$2,291,732.
42. PASSENGER TRANSPORTATION - Service Initiatives
Project Authorization (8) Revision (1) under Master Agreement (2017-0119) between MDOT and the Regional Transit Authority of Southeast Michigan will extend the authorization term by two years to provide sufficient time for the Authority to complete the project. The Authority requested the extension due to project delays associated with coronavirus restrictions. The original authorization provides state funds for FY 2021 administrative costs under the Service Initiatives program. The funding continues to fulfill our commitment to the Authority. The authorization amount remains unchanged at \$399,999. The revised authorization term will be from September 1, 2020, through September 30, 2023. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: State Restricted Comprehensive Transportation Funds - \$399,999.
43. PASSENGER TRANSPORTATION - 100% State Service Initiatives
Project Authorization (9) under Master Agreement (2017-0119) between MDOT and the Regional Transit Authority of Southeast Michigan will provide state funding for administrative costs under the Service Initiatives program. The funding will continue to fulfill MDOT's commitment to the Authority. The authorization amount will be \$400,000. The authorization will be in effect from October 1, 2021, through September 30, 2022. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: State Restricted Comprehensive Transportation Funds - \$400,000.
44. PASSENGER TRANSPORTATION - Section 5311 Operating/JARC
Project Authorization (36) Revision (1) issued under Master Agreement (2017-0130) between MDOT and the Suburban Mobility Authority for Regional Transportation will provide additional federal funds and state matching funds of \$32,034 for the FY 2018 Federal Section 5311 Formula Grants for Rural Areas Program and the Job Access and Reverse Commute (JARC) Program. The funds will be used to transport welfare recipients and eligible low-income individuals to and from jobs and activities related to their employment. The revised authorization amount will be \$180,640. The authorization term remains unchanged, June 14, 2021, through September 13, 2021. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$90,320; FY 2021 State Restricted Comprehensive Transportation Funds - \$90,320.

45. PASSENGER TRANSPORTATION - State Capital Program
Project Authorization (4) Revision (1) under Master Agreement (2017-0131) between MDOT and the Thunder Bay Transportation Authority (TBTA) will extend the authorization term by six months to provide sufficient time for TBTA to complete the vehicle replacement project. The project was delayed due to coronavirus restrictions and bus manufacturing delays. The revised authorization term will be September 12, 2018, through March 11, 2022. The authorization amount remains unchanged at \$267,527. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: State Restricted Comprehensive Transportation Funds - \$267,527.
46. PASSENGER TRANSPORTATION - Sections 5307 and 5339 Programs
Project Authorization (3) Revision (2) under Master Agreement (2017-0133) between MDOT and the Twin Cities Area Transportation Authority (TCATA) will extend the authorization term by one year to provide sufficient time for TCATA to complete the projects. The additional time is needed because the development of new technology caused delays with the procurement of a phone system and the agency experienced a change in management. The authorization provides state matching funds for the FY 2017 and 2018 Federal Section 5307 Urbanized Area Formula Capital Program and FY 2017 Federal Section 5339 Bus and Bus Facilities Formula Program grant for revenue vehicles and a phone system. The revised authorization term will be August 3, 2017, through August 2, 2022. The authorization amount remains unchanged at \$519,357. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$415,485; State Restricted Comprehensive Transportation Funds - \$103,872.
47. PASSENGER TRANSPORTATION - Michigan Mobility Challenge
Project Authorization (10) Revision (1) under Master Agreement (2017-0139) between MDOT and the Western-Washtenaw Area Value Express (WAVE) will transfer \$20,988 in Michigan Economic Development Corporation (MEDC) funds from the Delta Area Transit Authority for a demonstration project focused on increasing on-demand and scheduled accessible transportation options. As the Delta Area Transit Authority has terminated the project, the funds will be transferred to WAVE to complete the project. The authorization term remains unchanged, July 1, 2021, through June 30, 2022. The revised authorization amount will be \$220,988. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: FY 2021 State Restricted Comprehensive Transportation Funds - \$200,000; MEDC Funds - \$20,988.
48. *PASSENGER TRANSPORTATION - Mobility Management Metrics
Contract (2021-0808) between MDOT and the Southwest Michigan Planning Commission will provide assistance to transit agencies receiving mobility management funding by providing specific guidance to enhance and help measure their mobility management programs and will update transit agencies' coordinated plans. The contract will be in effect from the date of award through two years. The contract amount will be \$300,000. Source of Funds: FY 2021 State Transportation Funds - \$300,000.

49. RAIL - Reimbursement for Insurance and Risk Fees
Project Authorization (3) Revision (7) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will increase the authorization amount by \$1,174,393.38 to match the actual amount needed for FY 2021 insurance and risk fees and will extend the authorization term by one year. The original authorization provides for reimbursement for Amtrak's costs for Property Insurance Costs, Property Deductible Risk Fee and Self-Insurance Liability Risk Fee related to Michigan's ownership of a portion of the accelerated corridor between Chicago and Detroit. MDOT compensates Amtrak for eligible costs under the approved scope of work and estimate. The revised authorization term will be July 1, 2016, through June 30, 2022. The revised authorization amount will be \$5,751,676.37. The term of the master agreement is December 7, 2012, through September 30, 2032. Source of Funds: State Restricted Comprehensive Transportation Funds - \$5,751,676.37.
50. RAIL - Rail Passenger Maintenance
Project Authorization (23) Revision (3) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will increase the spending authority by \$2,528,238 and will extend the authorization term by one year to provide for an additional year of the maintenance services. The original authorization provides for managed maintenance of the rail line purchased by MDOT from Norfolk Southern Railway Company between Kalamazoo and Dearborn on the Chicago-Detroit/Pontiac High Speed Rail Corridor. MDOT compensates Amtrak for eligible costs under the approved scope of work and spending plan. The revised authorization term will be October 1, 2018, through September 30, 2022. The revised authorization amount will be \$35,105,867. The term of the master agreement is December 7, 2012, through September 30, 2032. Source of Funds: State Restricted Comprehensive Transportation Funds - \$37,634,105.
51. RAIL – Merriman Road Circuitry Work
Project Authorization (31) Revision (2) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will extend the authorization term by seven months to provide sufficient time for invoicing and payment. The original authorization provides for complete track circuitry upgrades to generate 30 seconds of advanced roadway traffic preemption at the Merriman Road grade crossing at mile post 15.60 in the City of Westland, Wayne County. MDOT compensates Amtrak for eligible costs under the approved scope of work and estimate. The revised authorization term will be September 15, 2019, through March 31, 2022. The authorization amount remains unchanged at \$406,976. The term of the master agreement is from December 7, 2012, through September 30, 2032. Source of Funds: Federal Highway Administration Funds - \$306,856.44; Michigan Transportation Funds - \$34,095.16; State Restricted Comprehensive Transportation Funds - \$66,024.40.
52. RAIL – Tie, Other Track Material, and Ballast Procurement
Project Authorization (33) Revision (2) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will increase the authorization amount by \$9,418,220 for the procurement of additional ties and ballast and will extend the authorization term by 19 months. The original authorization provides for the purchase, transport, unloading, and securing of mainline ties, ancillary other track material, and ballast for future mainline tie replacement from Battle Creek and Jackson, Michigan. MDOT compensates Amtrak for eligible costs under the approved scope of work and estimate. The revised authorization term will be September 15, 2019, through March 31, 2023. The revised authorization amount will be \$13,538,015. The term of the master agreement is from December 7, 2012, through September 30, 2032. Source of Funds: State Restricted Comprehensive Transportation Funds - \$13,538,015.

53. RAIL – Jackson Tie and Surface Program
Project Authorization (40) Revision (1) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will increase the authorization amount by \$60,054 to cover the costs associated with disposing of additional ties. The original authorization provides funding for a tie and surface program between Albion and Jackson to be funded with the 2018 State of Good Repair grant. MDOT compensates Amtrak for eligible costs under the approved scope of work and estimate. The authorization term remains unchanged, from May 1, 2021, through June 30, 2022. The revised authorization amount will be \$4,649,408. The term of the master agreement is from December 7, 2012, through September 30, 2032. Source of Funds: Federal Railroad Administration Funds - \$4,649,408.
54. RAIL – Cattle Pass Bridge Removal
Project Authorization (41) Revision (1) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will extend the authorization term by three months due to a delay in bids. The original authorization provides funding for the removal of a cattle pass bridge and installation of a culvert to replace it at mile post 112.4 in Marshall Township, Calhoun County. MDOT compensates Amtrak for eligible costs under the approved scope of work and estimate. The revised authorization term will be May 1, 2021, through March 31, 2022. The authorization amount remains unchanged at \$280,218. The term of the master agreement is from December 7, 2012, through September 30, 2032. Source of Funds: State Restricted Trunkline Funds - \$4,589,354.
55. RAIL – Increase Services and Amount and Extend Term
Amendatory Contract (2018-0183/A7) between MDOT and Alfred Benesch & Company will increase the contract amount by \$95,503.36 to provide for additional soil borings and retaining wall design and will extend the contract term by three months to provide sufficient time for the consultant to complete the services. The original contract provides for design services to be performed for the replacement of the Mechanic Street and Jackson Street railroad structures along the state-owned accelerated railroad corridor in the City of Jackson, Jackson County. The revised contract term will be February 6, 2018, through December 31, 2021. The revised contract amount will be \$1,828,287.64. Source of Funds: State Restricted Comprehensive Transportation Funds - \$1,828,287.64.
56. RAIL – Time Extension
Amendatory Contract (2019-0588/A1) between MDOT and Modjeski and Masters, Inc., will extend the contract term by 17 months to provide sufficient time for the consultant to complete the services. The additional time is needed to incorporate environmental findings that will not be complete until the summer of 2022. The original contract provides for design services to to be performed for the replacement of two state-owned railroad bridges and the rehabilitation of one state-owned railroad bridge along the Great Lakes Central Railroad, which is maintained and operated by the Ann Arbor District. The railroad bridges are over the Huron River, over the south branch of the Shiawassee River, and over the Shiawassee River in Livingston and Shiawassee Counties. The revised contract term will be April 10, 2020, through December 30, 2022. The contract amount remains unchanged at \$979,913.79. Source of Funds: 100% State Restricted Comprehensive Transportation Funds.

57. *RAIL – Increase Grant Amount
Amendatory Contract (2020-0661) between MDOT and UP Propane, LLC, will increase the grant amount by \$684,059.90 to provide funding for additional work to add needed rail off-loading equipment to the project and will extend the project completion period by one year to provide sufficient time for UP Propane, LLC, to complete the project. The original contract provides financial assistance in the form of a grant for the rehabilitation and extension of a rail spur that will serve the UP Propane, LLC, propane terminal in Escanaba, Michigan. The contract term remains unchanged, from July 23, 2020, until the last obligation between the parties has been fulfilled, until the contract is terminated, or until the appropriate grant funds have been dispensed. The revised estimated project cost will be \$1,616,369.80. MDOT will reimburse UP Propane, LLC, for 50 percent of the project cost up to a maximum amount of \$808,184.90. Source of Funds: FY 2020 and FY 2021 State Restricted Comprehensive Transportation Funds - \$808,184.90; UP Propane, LLC, Funds - \$808,184.90.
58. *RAIL – Preliminary Engineering and Environmental Work on Battle Creek Connection
Contract (2021-0449) between MDOT and WSP Michigan, Inc., will provide for environmental and preliminary engineering services to be performed for a new rail passenger connection in Battle Creek to reduce service conflicts between passenger and freight trains. The contract will be in effect from the date of award through April 30, 2023. The contract amount will be \$1,499,838. Source of Funds: Federal Railroad Administration Funds - \$749,919; State Restricted Comprehensive Transportation Funds - \$374,959.50; and National Railroad Passenger Corporation Funds - \$374,959.50.
59. *RAIL – Purchase of Ties and Spikes
Contract (2021-0655) between MDOT and Lake State Railway Company will provide for the purchase of 22,500 ties, miscellaneous switch ties, and spikes for use on state-owned rail right of way operated by Lake State Railway Company. The contract will be in effect from the date of award until the last obligation between the parties has been fulfilled. The contract amount will be \$1,505,000. Source of Funds: State Restricted Comprehensive Transportation Funds - \$1,505,000.
60. *RAIL – Manistee River Bridge Construction Access Road Repairs
Contract (2021-0720) between MDOT and the Wexford County Road Commission will provide for roadway improvements along Old US-131 to allow it to serve as a construction access road for the Manistee River railroad bridge reconstruction project. The contract will be in effect from July 26, 2021, until the last obligation between the parties has been fulfilled. The contract amount will be \$123,345. Source of Funds: State Restricted Comprehensive Transportation Funds - \$123,345.
61. *RAIL - Freight Economic Development Program
Contract (2021-0800) between MDOT and Paw Paw River Transload, LLC will provide financial assistance in the form of a grant for the construction of three spur tracks at the Paw Paw River Transload facility in Hartford on the West Michigan Railroad. The contract will be in effect from the date of award until the last obligation between the parties has been fulfilled, until the contract is terminated, or until the appropriate grant funds have been dispensed. The estimated project cost is \$1,356,962.26. MDOT will reimburse Paw Paw River Transload, LLC, for 50 percent of the project cost up to a maximum amount of \$678,476.13. Source of Funds: FY 2021 State Restricted Comprehensive Transportation Funds - \$678,476.13; Paw Paw River Transload, LLC, Funds - \$678,476.13.

62. *RAIL - Freight Economic Development Program
Contract (2021-0805) between MDOT and Hanson Logistics will provide financial assistance in the form of a grant for a track improvement project that will allow additional rail volume at the Hanson Logistics' warehousing facility in Hartford on the West Michigan Railroad. The contract will be in effect from the date of award until the last obligation between the parties has been fulfilled, until the contract is terminated, or until the appropriate grant funds have been dispensed. The estimated project cost is \$265,172.92. MDOT will reimburse Hanson Logistics for 50 percent of the project cost up to a maximum amount of \$132,586.46. Source of Funds: FY 2021 State Restricted Comprehensive Transportation Funds - \$132,586.46; Hanson Logistics Funds - \$132,586.46.
63. *RAIL - Freight Economic Development Program
Contract (2021-0831) between MDOT and PRM Trucking, Inc., will provide financial assistance in the form of a grant for the construction of a rail spur and the purchase of rail unloading equipment that will serve a plastics recycling transload in White Pigeon, Michigan. The contract will be in effect from the date of award until the last obligation between the parties has been fulfilled, until the contract is terminated, or until the appropriate grant funds have been dispensed. The estimated project cost is \$477,960. MDOT will reimburse PRM Trucking, Inc., for 50 percent of the project cost up to a maximum amount of \$238,980. Source of Funds: FY 2021 State Restricted Comprehensive Transportation Funds - \$238,980; PRM Trucking, Inc., Funds - \$238,980.
64. *RAIL - Freight Economic Development Program
Contract (2021-0833) between MDOT and G4 Energy, LLC, will provide financial assistance in the form of a grant for the construction of a transload facility in Forsyth Township, Marquette County. The contract will be in effect from the date of award until the last obligation between the parties has been fulfilled, until the contract is terminated, or until the appropriate grant funds have been dispensed. The estimated project cost is \$4,156,000. MDOT will reimburse G4 Energy, LLC, for 50 percent of the project cost up to a maximum amount of \$2,000,000. Source of Funds: FY 2021 State Restricted Comprehensive Transportation Funds - \$2,000,000; G4 Energy, LLC, Funds - \$2,156,000.
65. *RAIL – Midwest States MOA Equipment Reimbursement Plan
Memorandum of Agreement (MOA) (2021-0851) between MDOT, the Illinois Department of Transportation (IDOT), the Wisconsin Department of Transportation, and the Missouri Department of Transportation will set forth the terms and conditions of sharing in the equipment costs related to fleet manager expenses, equipment modifications, and overhauls for Midwest-owned passenger rail equipment. The MOA will allow IDOT, as the lead agency in the Midwest equipment procurement, to accept funds from the other states and pay vendors on behalf of the other states through its contractual relationships. A portion of the funds, \$4,503,014.94, will be retroactive to cover costs associated with the procurement dating back to September 2017, due to IDOT's need to create a mechanism and pass legislation to accept funds from the other states. The MOA will be in effect from September 1, 2017, until the last obligation between the parties has been fulfilled. The MOA amount will be \$10,040,405.82. Source of Funds: FY 2021 State Restricted Comprehensive Transportation Funds - \$7,540,405.82; FY 2022 State Restricted Comprehensive Transportation Funds - \$2,500,000.

66. *RAIL - Freight Economic Development Program
Contract (2021-0859) between MDOT and Crestwood Midstream Partners, LP, will provide financial assistance in the form of a grant for the installation of rail unloading equipment at the Crestwood Midstream Partners facility in Bowne Township, Kent County. The contract will be in effect from the date of award until the last obligation between the parties has been fulfilled, until the contract is terminated, or until the appropriate grant funds have been dispensed. The estimated project cost is \$1,269,215. MDOT will reimburse Crestwood Midstream Partners, LP, for 50 percent of the project cost up to a maximum amount of \$634,607.50. Source of Funds: FY 2021 State Restricted Comprehensive Transportation Funds - \$634,607.50; Crestwood Midstream Partners, LP, Funds - \$634,607.50.
67. *RAIL – US-131 Bridge Replacement Design Phase
Contract (2021-0864) between MDOT and National Railroad Passenger Corporation (Amtrak) will provide for Amtrak's review of the design of two bridges, US-131 northbound and southbound over KL Avenue and the Michigan Line right-of-way in Kalamazoo County. The bridges are above Amtrak's property and operations at railroad MP 147.54 (US-131 NB) and MP 147.56 (US-131 SB). The contract will be in effect from the date of award through December 31, 2022. The contract amount will be \$402,300. Source of Funds: Preliminary Engineering Structure Funds - \$402,300.

Upon receipt of your approval, the contracts and agreements will be processed for award. Subject to the exercise of the discretion in the processing, I approve the contracts described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of April 7, 2021.

Respectfully submitted,

Paul C. Ajegba
Director

LETTING STATISTICS

August 2021

TRUNKLINE CONTRACTS OVERVIEW

The August 6th bid letting included 20 Trunkline contracts with \$51.9 million in total engineer estimates. The low bids received totaled \$54.1 million. The average of low bids received was \$ 2.7 million and a median of \$708.5 thousand. Of the 20 contracts, 12 included warranties with \$43.4 million as the low bid total. The Trunkline contracts received 58 bids. In comparison to August 2020, 15 Trunkline contracts were let with total engineer estimates of \$15.0 million, low bid dollars of \$13.5 million, and 50 bids received.

For fiscal year 2021 to date, 251 Trunkline contracts have been let with a low bid total of \$1.62 billion. For the same period of fiscal year 2020, 339 Trunkline contracts were let with the low bid total of \$1.13 billion.

ALL PROGRAM AREA CONTRACTS SUMMARY

A total of 35 contracts were let with 112 bids received. The average number of bids per contract was 3.20.

For the August bid letting, there were two items withdrawn, two items postponed, and two resulting in the rejection of all bids.

Of the 70 contracting companies approved to submit bids for the June lettings, 56 submitted at least one bid.

JOB PROJECTIONS

Job projections are Trunkline jobs specific in category and are classified under the work groups of road, bridge, and traffic and safety.

The list of jobs projected to be let during FY 2021 was updated on 08/21/2021 to include a total of 334 jobs with total construction cost estimates of \$1.76 billion.

For fiscal year 2021 through August 2021, 100% of jobs anticipated for this period have been let using 94.0% of the projected cost estimates.

UPCOMING LETTING STATS

The **September 3, 2021, Bid Letting** is advertising 18 Trunkline contracts estimated at a total of \$37.2 million with \$18.4 million in warranty contracts. There are 4 Local Agency contracts being advertised for a total of \$3.2 million with no warranty contracts.

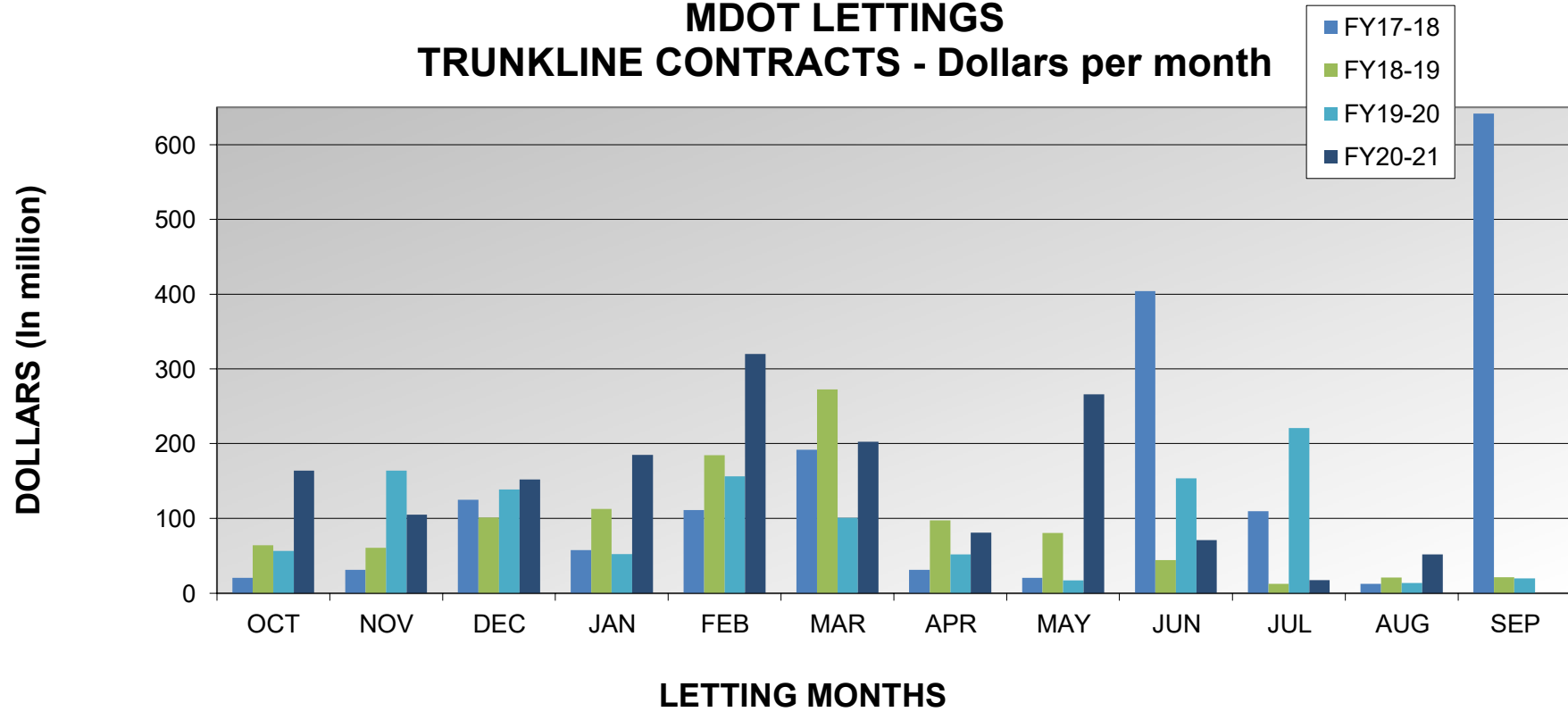
AUGUST 2021 LETTING SUMMARY

| STATISTICS | PROGRAM AREA | | | | |
|-----------------------------------------|-----------------|-----------------|-------------|------------------|-----------------|
| | TRUNKLINE | LOCAL AGENCY | AERONAUTICS | FREIGHT SERVICES | TOTALS |
| Project Report | | | | | |
| Number of Contracts Let | 20 | 15 | 0 | 0 | 35 |
| Engineer Estimates of Contracts Let | \$51,889,201.82 | \$20,690,149.99 | \$0.00 | \$0.00 | \$72,579,351.81 |
| Low Bid Report | | | | | |
| Low Bid Total | \$54,089,706.78 | \$20,867,255.30 | \$0.00 | \$0.00 | \$74,956,962.08 |
| % over/under Engineer's Estimate | 4.24% | 0.86% | 0.00% | 0.00% | 3.28% |
| All Bids Rejected Report | | | | | |
| Number of Contracts - All Bids Rejected | 1 | 1 | 0 | 0 | 2 |
| Engineer Estimate Total | \$241,812.56 | \$847,090.00 | \$0.00 | \$0.00 | \$1,088,902.56 |
| Low Bid Total | \$458,441.69 | \$1,054,555.95 | \$0.00 | \$0.00 | \$1,512,997.64 |
| % over/under Engineer's Estimate | \$0.00 | 24.49% | \$0.00 | 0.00% | 38.95% |
| Low Bids Pending | | | | | |
| Number of To Be Announced Contracts | 1 | 2 | 0 | 0 | 3 |
| Engineer Estimate Total | \$24,172,982.24 | \$10,301,176.25 | \$0.00 | \$0.00 | \$34,474,158.49 |
| Low Bid total | \$28,260,533.01 | \$11,622,901.14 | \$0.00 | \$0.00 | \$39,883,434.15 |
| % over/under Engineer's Estimate | 16.91% | 12.83% | 0.00% | 0.00% | 15.69% |
| Bidder (Bids) Report | | | | | |
| Number of Bids Received | 58 | 54 | 0 | 0 | 112 |
| Average # of Bidders per Project | 2.90 | 3.60 | 0.00 | 0.00 | 3.20 |
| UPCOMING LETTING PROJECTIONS | | | | | |

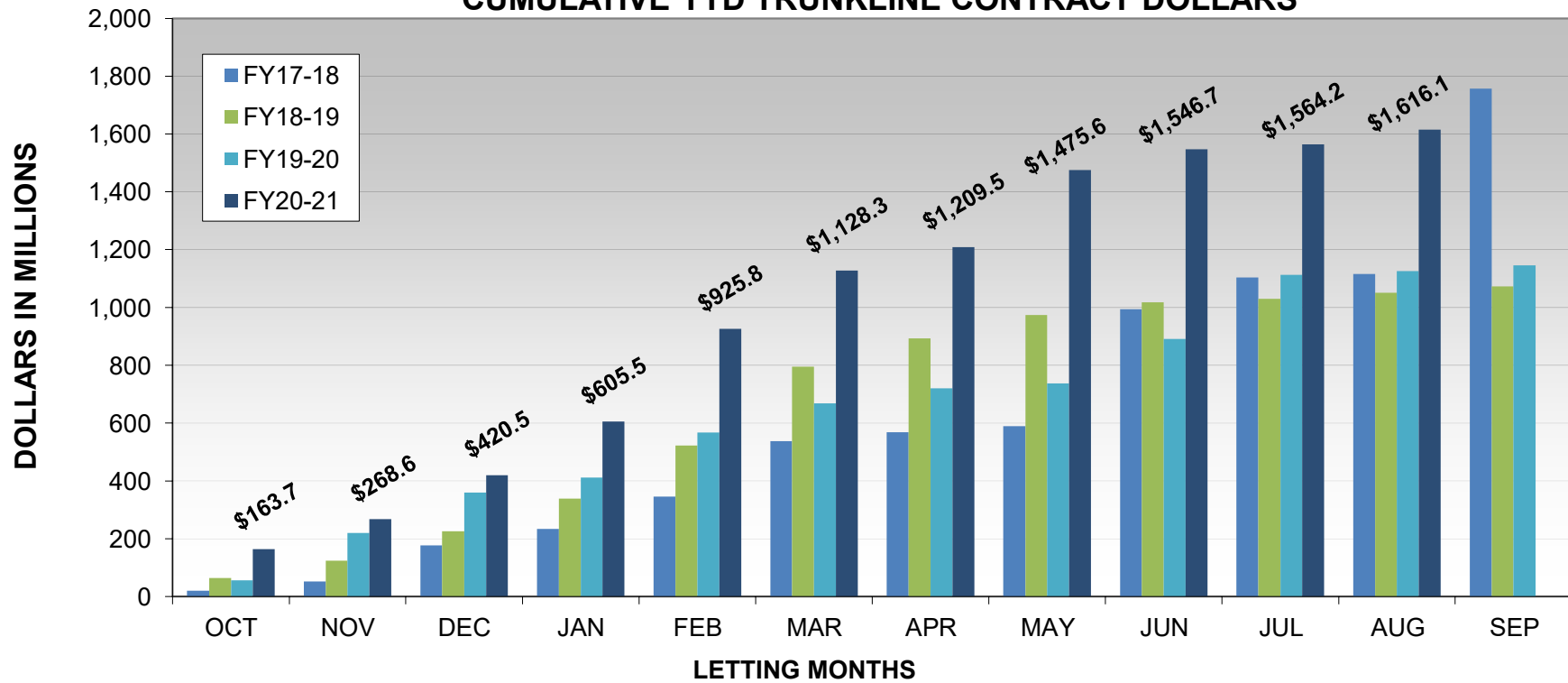
| LETTING DATES | <u>Trunkline</u> | <u>Local Agency</u> | <u>Aeronautics</u> | <u>Freight Services</u> | <u>Total</u> |
|------------------------------------------------------------|------------------|---------------------|--------------------|-------------------------|-----------------|
| September 3, 2021, Bid Letting | | | | | |
| # of Contracts Advertised | 18 | 4 | 0 | 0 | 22 |
| # of Contracts with Warranties | 7 | 0 | 0 | 0 | 7 |
| \$ Engineer Estimates of Contracts Advertised (In million) | \$37,229,677.61 | \$3,153,881.73 | \$0.00 | \$0.00 | \$40,383,559.34 |
| \$ Engineer Estimates of Warranty Contracts (In million) | \$18,427,894.47 | \$0.00 | \$0.00 | \$0.00 | \$18,427,894.47 |

| | | | | | |
|------------------------------------------------------------|-----------------|--------|--------|--------|-----------------|
| September 17, 2021, Bid Letting | | | | | |
| # of Contracts Advertised | 1 | 0 | 0 | 0 | 1 |
| # of Contracts with Warranties | 1 | 0 | 0 | 0 | 1 |
| \$ Engineer Estimates of Contracts Advertised (In million) | \$87,733,494.33 | \$0.00 | \$0.00 | \$0.00 | \$87,733,494.33 |
| \$ Engineer Estimates of Warranty Contracts (In million) | \$87,733,494.33 | \$0.00 | \$0.00 | \$0.00 | \$87,733,494.33 |

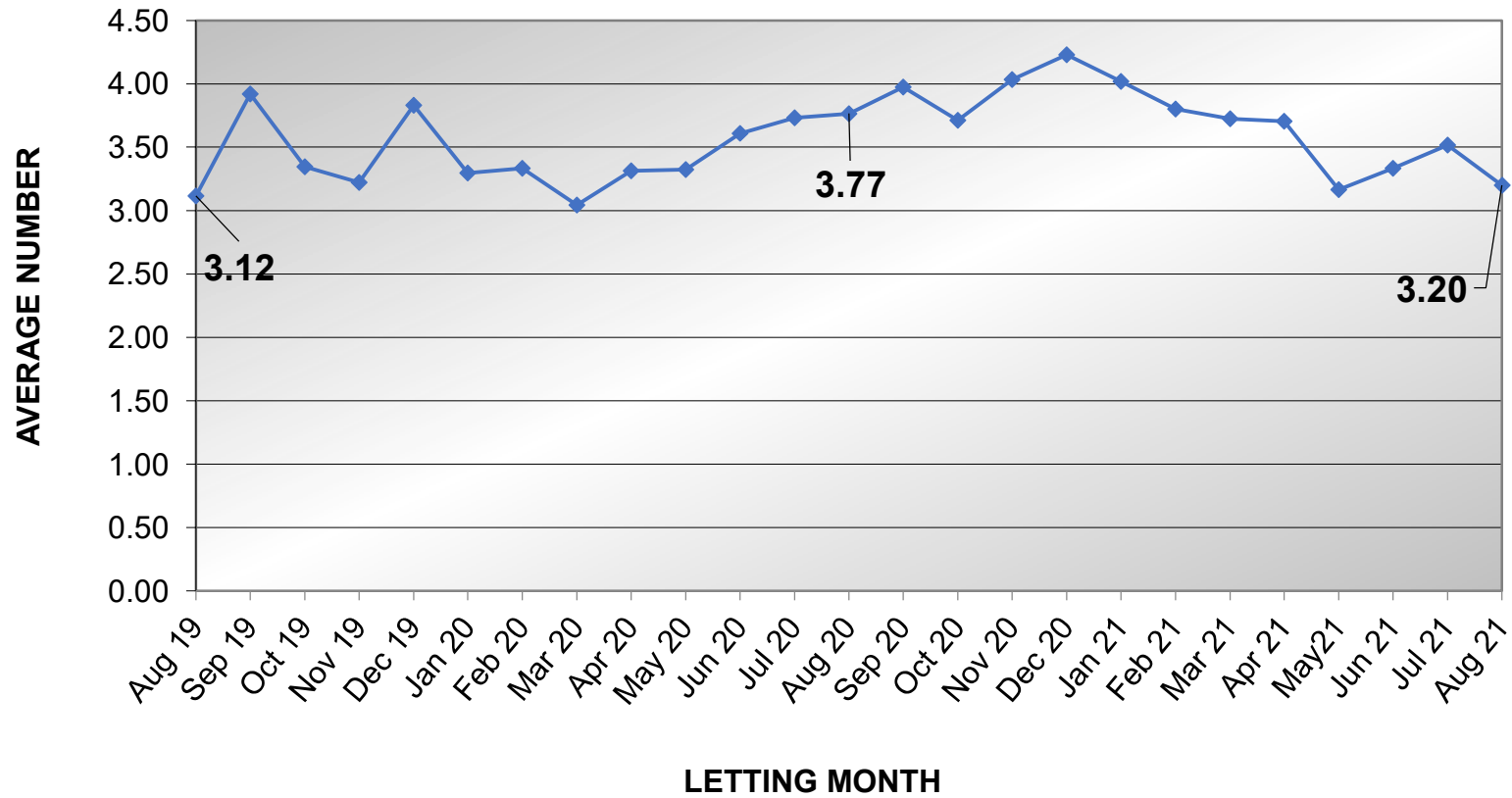
MDOT LETTINGS TRUNKLINE CONTRACTS - Dollars per month



**MDOT LETTINGS
CUMULATIVE YTD TRUNKLINE CONTRACT DOLLARS**



AVERAGE NUMBER OF BIDDERS
AUGUST 2019 - AUGUST 2021



NUMBER OF BIDS - BY REGION
AUGUST 2021

| REGION | NO BIDS | 1 BID | 2 BIDS | 3 BIDS | 4 BIDS | 5 BIDS | 6 BIDS | 7 BIDS | 8 BIDS | 9 BIDS | =>10 BIDS | CONTRACTS BY REGION |
|--------------------|---------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-----------|---------------------|
| BAY | | | 3 | | 1 | | 1 | | | | | 5 |
| GRAND | | 1 | 2 | 1 | 3 | | | 1 | | | | 8 |
| METRO | | | 1 | 1 | 1 | | 1 | | | | | 4 |
| NORTH | | | 2 | 3 | 2 | | | | | | | 7 |
| SOUTHWEST | | 1 | | | | 1 | | | | | | 2 |
| SUPERIOR | | | 2 | 1 | | | | | | | | 3 |
| UNIVERSITY | | | 3 | | 1 | 2 | | | | | | 6 |
| NUMBER OF PROJECTS | 0 | 2 | 13 | 6 | 8 | 3 | 2 | 1 | 0 | 0 | 0 | 35 |

REQUEST FOR MICHIGAN STATE TRANSPORTATION

COMMISSION APPROVAL

BID LETTING PRE-APPROVAL

August 26, 2021

The following contracts are being submitted for approval.

STATE PROJECTS

TRUNKLINE CONTRACTS

- | | | |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| 1. | Letting of September 3, 2021 Letting Call: 2109 002 Project: M 67015-210183 Local Agreement: Start Date: April 11, 2022 Completion Date: July 22, 2022 | Prequalification Level: \$1,292,000.00 |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|

Bridge rehabilitation including concrete barrier and partial deck replacement, substructure repair, replacement of expansion joint, epoxy overlay, guardrail, and approach work on Luther Road (14 Mile Road) over US-131 in the village of LeRoy, Osceola County. This project includes a 5-year epoxy overlay performance warranty.

0.00 % DBE participation required

- | | | |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| 2. | Letting of September 3, 2021 Letting Call: 2109 003 Project: M 41000-212538 Local Agreement: Start Date: November 1, 2021 Completion Date: February 28, 2022 | Prequalification Level: \$1,600,000.00 |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|

Bridge scaling and plywood false decking removal and disposal on various routes, Allegan, Ionia, Kent, Mason, Mecosta, Montcalm, Muskegon, Oceana, Osceola, and Ottawa Counties.

0.00 % DBE participation required

3. Letting of September 3, 2021
Letting Call: 2109 004
Project: NH 49023-203752
Local Agreement:
Start Date: July 15, 2022
Completion Date: October 27, 2022

10.40 mi of hot mix asphalt cold milling and resurfacing and pavement markings on US-2 from Wildwood Drive to Brevort Lake Road and from the Cut River to Worth Road, Mackinac County.

3.00 % DBE participation required
4. Letting of September 3, 2021
Letting Call: 2109 006
Project: M 38082-212539
Local Agreement:
Start Date: October 4, 2021
Completion Date: June 3, 2022

Bridge scaling and removal of lateral bracing at multiple structures on various routes, Clinton, Eaton, Ingham, Jackson, Livingston, Monroe, and Washtenaw Counties.

0.00 % DBE participation required
5. Letting of September 3, 2021
Letting Call: 2109 007
Project: HIPB 38111-208868
Local Agreement:
Start Date: September 20, 2021
Completion Date: November 15, 2022

Bridge reconstruction including deck replacement, backwall replacement, masonry plate replacement, pin and hanger replacement, partial cleaning and coating, structural steel repairs, silane treatment, substructure patching, slope paving replacement, partial slopewall replacement, concrete surface coating and approach work on US-127 over Norfolk Southern Railroad and M-50, Jackson County. This project includes a 5-year materials and workmanship pavement warranty and a 2-year warranty on concrete surface coating.

5.00 % DBE participation required
6. Letting of September 3, 2021
Letting Call: 2109 008
Project: STG 25081-202851
Local Agreement:
Start Date: March 7, 2022
Completion Date: September 19, 2024

Traffic signal modernizations, concrete curb and gutter and sidewalk ramp upgrades on M-21 at Ballenger Highway, Dye Road and TA Mansour Boulevard in the city of Flint, Genesee County.

3.00 % DBE participation required

7. Letting of September 3, 2021
Letting Call: 2109 009
Project: STL 66000-207542
Local Agreement: 21-5323
Start Date: 10 days after award
Completion Date: October 14, 2022

4.00 mi of hot mix asphalt crushing, shaping, and resurfacing, aggregate base, guardrail, and pavement markings on Gardner Road north of 1 1/2 Mile Road, Ontonagon County. This is a Local Agency Project.

0.00 % DBE participation required
8. Letting of September 3, 2021
Letting Call: 2109 011
Project: M 04011-208804
Local Agreement:
Start Date: May 9, 2022
Completion Date: August 12, 2022

27.42 mi of hot mix asphalt fine textured milling and resurfacing and pavement markings on M-65 from M-72 to McCollum Lake Road and from VanWagoner Road to M-32, Alcona, and Alpena Counties. This project includes a 3-year materials and workmanship pavement warranty.

0.00 % DBE participation required
9. Letting of September 3, 2021
Letting Call: 2109 012
Project: NH 52041-210961
Local Agreement:
Start Date: August 15, 2022
Completion Date: 32 Working Days

3.48 mi of hot mix asphalt cold milling and resurfacing, paver placed surface seal, shoulder gravel and pavement markings on US-41/M-28 from County Road FNO to west of County Road AKE, Marquette County. This project includes a 3-year pavement performance warranty.

0.00 % DBE participation required
10. Letting of September 3, 2021
Letting Call: 2109 014
Project: M 32012-208695
Local Agreement:
Start Date: August 15, 2022
Completion Date: October 29, 2022

16.47 mi of hot mix asphalt cold milling and resurfacing, concrete sidewalk and pavement markings on M-25 from the north city limits of Caseville to Larned Road, Huron County.

0.00 % DBE participation required

11. Letting of September 3, 2021
Letting Call: 2109 017
Project: ST 59051-211032
Local Agreement:
Start Date: June 27, 2022
Completion Date: 21 Working Days
- Prequalification Level:
\$890,000.00
- 7.57 mi of overband crack fill, single course chip seal, fog seal, and intermittent hot mix asphalt shoulder repair on M-66 from north of Cedar Street northerly to south of M-46 in the city of Stanton, Montcalm County. This project includes a 2-year pavement performance warranty.
- 3.00 % DBE participation required
12. Letting of September 3, 2021
Letting Call: 2109 018
Project: NH 03072-210754
Local Agreement:
Start Date: May 9, 2022
Completion Date: June 17, 2022
- Prequalification Level:
\$802,000.00
- 5.44 mi of overband crack fill, single course chip seal, fog seal, longitudinal joint cold milling and resurfacing and pavement markings on M-40 from Monroe Road north-easterly to north of M-89 (124th Avenue), Allegan County. This project includes a 2-year pavement performance warranty.
- 0.00 % DBE participation required
13. Letting of September 3, 2021
Letting Call: 2109 021
Project: ST 30031-210135
Local Agreement:
Start Date: June 10, 2022
Completion Date: August 22, 2022
- Prequalification Level:
\$2,246,000.00
- 29.87 mi of single chip seal with fog seal, overband crack fill, shoulder gravel and pavement markings on M49 from Michigan/Ohio state line northerly to west of M-34 and M-99 from Michigan/Ohio state line northerly to US-12, gapping out villages of Camden and Reading, Hillsdale County. This project includes a 2-year pavement performance warranty.
- 0.00 % DBE participation required
14. Letting of September 3, 2021
Letting Call: 2109 022
Project: NH 33081-132627
Local Agreement: 21-5152, 21-5340
Start Date: June 20, 2022
Completion Date: November 11, 2022
- Prequalification Level:
\$2,705,000.00
- 0.19 mi of culvert replacement, hot mix asphalt reconstruction, signing and pavement markings on I-96BL over Horsebrook Creek in the city of Lansing, Ingham County.
- 5.00 % DBE participation required

LOCAL AGENCY CONTRACTS

15. Letting of September 3, 2021
Letting Call: 2109 015
Project: STUL 55000-208252
Local Agreement: 21-5331
Start Date: 10 days after award
Completion Date: October 15, 2022
- Prequalification Level:
\$660,000.00
- 1.00 mi of hot mix asphalt cold milling and resurfacing, concrete sidewalk and ramps and pavement markings on 13th Street from 10th Avenue to 26th Avenue in the city of Menominee, Menominee County. This is a Local Agency project.

0.00 % DBE participation required

16. Letting of September 3, 2021
Letting Call: 2109 016
Project: STL 40000-212349
Local Agreement: 21-5336
Start Date: 10 days after award
Completion Date: November 15, 2021
- Prequalification Level:
\$771,000.00
- 1.01 mi of hot mix asphalt base crushing, shaping, and resurfacing, earthwork, drainage, and pavement markings on County Road 571 from Narrow Loop Road to the north Kalkaska County line, Kalkaska County. This is a Local Agency project.

3.00 % DBE participation required

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the project described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of April 7, 2021.

Respectfully submitted,

Paul C. Ajegba
Director

OFFICE MEMORANDUM

DATE: August 18, 2021

TO: State Transportation Commission

FROM: Jack Cotter, CPA, CGMA
Commission Auditor
Office of Commission Audits

SUBJECT: Justification Memorandums

Attached for your information are the department's justification memorandums for Exhibit A-2 items where the low bid exceeded the engineer's estimate by more than ten percent.

Signed copy on file

Jack Cotter, CPA, CGMA
Commission Auditor

Attachments

cc: T. Hagon

DATE: August 12, 2021

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: August 6, 2021

Project Description: Bridge, superstructure, and culvert replacements, watermain relocation, roundabout construction, interchange reconstruction, guardrail work, concrete surface coating, approach work and pavement markings on 4 bridges along I-75, Monroe County.

Project Number: 58152-205623

Item Number: 2108 001

Low Bidder: Walsh Construction Company II, LLC

Eng. Est: \$24,172,982.24 Low Bid: \$28,260,533.01 Difference: \$4,087,550.77 Percent: 16.91

The following shows the engineer's estimate and the proposed bids received for this project:

| | |
|-------------------------------------|-----------------|
| Engineer's Estimate | \$24,172,982.24 |
| Walsh Construction Company II, LLC | \$28,260,533.01 |
| Dan's Excavating, Inc. | \$28,750,806.42 |
| Miller Bros. Const., Inc. | \$28,848,687.58 |
| Toebe Construction LLC | \$29,551,766.26 |
| Angelo Iafrate Construction Company | \$30,988,567.64 |

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were structure, remove portions; structures rehabilitation, remove portions; and minor traffic devices. These items were bid higher than normal due to multiple sites, multi-year construction, and removal methods. This project involves four bridges in three locations. The project schedule requires some work be completed this fall before seasonal restriction are put in place until constructions can resume next year. The multi-season and multi-location aspects of the project may have led to an increase in the minor traffic devices. For two of the bridges, the superstructure is comprised of multi-girder variable depth concrete T-beams. The bridge decks and beams are monolithic and must be removed simultaneously. Removal must be done from below and will require a large sized crane. For these reasons, and due to safety requirements, the removal will need to be performed under a complete freeway closure with limited time during the weekend and nighttime. Two of the other structures are over

August 12, 2021

a creek with restricted access for removal from below. Saw cuts and hand chipping required to remove a portion of the abutment walls will be labor intensive, increasing the cost. The estimator considered these factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of the multiple sites, multi-year construction, and removal methods. This project received five bids ranging between \$28,260,533.01 and \$30,988,567.64, which varied by 9.65 percent. The two lowest bids varied by only 1.73 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the University Region Office request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

| | | | | |
|---------------|---------------|-------------|----------------|--------------------|
| cc: J. Cotter | D. Harr | S. Thurman | T. Kratofil | Director Ajegba |
| E. Poole | R. Welter | L. Strzalka | C. Rademacher | MDOT-eProposal |
| K. Schuster | J. Hinkle | M. Shulick | C. Tennes | R. Worgess-Carveth |
| M. Irish | D. Potvin | H. Stinson | H. Hinchcliff | K. Farlin |
| L. Bretz | C. Masseau | D. Grover | J. Gutting | T. Sauter |
| J. O'Leary | T. Avramenko | A. Houska | K. Kirkpatrick | A. Mahdavi |
| L. Kirby | J. Daavettila | E. Chelotti | D. Parker | M. Chynoweth |
| R. Curtis | | | | |

BOD:DD:QA:DLP:raw

DATE: July 27, 2021

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: July 9, 2021

Project Description: 0.23 mi of hot mix asphalt shared-use path and parking lot, and integral curb with concrete sidewalk along Edward N. Hines Drive south of Ann Arbor Trail and north of Hines Drive, Wayne County.

Project Number: 82000-204928

Item Number: 2107 017

Low Bidder: All Star Power Excavation LLC

Eng. Est: \$453,366.25 Low Bid: \$535,212.93 Difference: \$81,846.68 Percent: 18.05

The following shows the engineer's estimate and the proposed bids received for this project:

| | |
|----------------------------------------|--------------|
| Engineer's Estimate | \$453,366.25 |
| All Star Power Excavation LLC | \$535,212.93 |
| JB Contractors Inc. | \$579,330.15 |
| Warren Contractors & Development, Inc. | \$598,838.16 |

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be bid higher than the engineer's estimate were subgrade undercutting, hot mix asphalt approach, and shared use path items. This project is scheduled late in the construction season and must be completed this year. The work location is in a community park and the park will be open throughout construction. The contractor must sequence work operations to minimize the impact on daily park operations. These restrictions led to an increase in cost to the major items of work on the project. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of project schedule and location restrictions. This project received three bids ranging from \$535,212.93 to \$598,838.16, which varied by 11.89 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable based on the factors discussed.

The Bureau of Development and the Wayne County Department of Public Services request that this project be awarded to the low bidder based on the above conclusion.

Director, Bureau of Development

| | | | | |
|---------------|----------------|------------------|---------------|--------------------|
| cc: J. Cotter | D. Harr | S. Thurman | T. Kratofil | Director Ajegba |
| E. Poole | R. Welter | L. Strzalka | C. Rademacher | MDOT-eProposal |
| K. Schuster | J. Hinkle | M. Shulick | C. Tennes | R. Worgess-Carveth |
| D. Potvin | M. Irish | H. Stinson | H. Hinchcliff | K. Farlin |
| L. Bretz | C. Masseau | D. Grover | J. Gutting | A. Houska |
| J. O'Leary | K. Kirkpatrick | T. Sauter | T. Avramenko | L. Johnson |
| S. Minton | K. Webb | A. Penzenstadler | | |

BOD:DD:QA:RWC:raw

DATE: August 17, 2021

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: August 6, 2021

Project Description: 1.39 mi of hot mix asphalt cold milling and resurfacing, storm sewer, concrete curb, gutter, sidewalk and ramps, signing and pavement markings on Miller Road from Ballenger Highway to Hammerberg Road, in the city of Flint, Genesee County.

Project Number: 25000-207665

Item Number: 2108 015

Low Bidder: Zito Construction

Eng. Est: \$2,461,203.50 Low Bid: \$2,945,666.61 Difference: \$484,463.11 Percent: 19.68

The following shows the engineer's estimate and the proposed bids received for this project:

| | |
|-------------------------------------|----------------|
| Engineer's Estimate | \$2,461,203.50 |
| Zito Construction | \$2,945,666.61 |
| L. A. Construction, Corp. | \$3,151,990.00 |
| C & D Hughes, Inc. | \$3,276,787.53 |
| Fessler & Bowman, Inc. | \$3,347,000.00 |
| Ajax Paving Industries, Inc. | \$3,716,258.13 |
| Angelo Iafrate Construction Company | \$3,738,911.00 |

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be bid higher than the engineer's estimate are: pavement remove, modified; aggregate base (8-inch and 12-inch); drainage items (12-inch sewer and 48-inch drainage structure); asphalt construction items (cold milling, and hot mix asphalt mixes 3E10 and 5E10); minor traffic devices and traffic regulator. The overall project is complex and will require multiple stages with limited workspace and staging areas. The pavement removal and aggregate base items are being placed in a varying width of 3-feet to 11-feet, creating inconsistencies and increased the cost for construction operations. Also, this project is in a heavily populated area of Flint that connects two busy commercial districts and will require two-way traffic and access to residential driveways to always be open. These requirements cause the drainage and asphalt construction items to require gapping at driveways, or temporary access maintained, and will create more time-consuming and labor intense work, affecting the bid prices for these items. Furthermore,

the multiple stages and work time restrictions (between 7:00 a.m. to 7:00 p.m. Monday through Friday only) with a completion date in October 2021, have most likely caused the minor traffic devices and traffic regulator pay items to be bid higher than estimated. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of the complexity of the project through a busy residential area, requiring multiple stages with limited workspace, while maintaining all traffic. The project received six bids ranging from \$2,945,666.61 to \$3,738,911.00, which varied by 26.93 percent. However, the two lowest bids varied by only 7.0 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the city of Flint request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

| | | | | |
|---------------|----------------|-------------|---------------|--------------------|
| cc: J. Cotter | D. Harr | S. Thurman | T. Kratofil | Director Ajegba |
| A. Houska | R. Welter | L. Strzalka | C. Rademacher | MDOT-eProposal |
| K. Schuster | J. Hinkle | M. Shulick | C. Tennes | R. Worgess-Carveth |
| D. Potvin | M. Irish | H. Stinson | H. Hinchcliff | K. Farlin |
| L. Bretz | C. Masseau | D. Grover | J. Gutting | E. Poole |
| J. O'Leary | K. Kirkpatrick | T. Sauter | T. Avramenko | B. Schrinier |
| K. Brown | J. Garza | R. Ranck | | |

BOD:DD:QA:MJI:raw

DATE: August 11, 2021

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: August 6, 2021

Project Description: 0.46 mi of construction of a roundabout includes hot mix asphalt and concrete pavement, concrete curb, gutter and sidewalk, storm sewer and pavement markings and bridge replacement and approach work on Avon Road at Dequindre Road and over the Clinton River, Oakland County.

Project Number: 63000-207705

Item Number: 2108 039

Low Bidder: Z Contractors, Inc.

Eng. Est: \$7,839,972.75 Low Bid: \$8,677,234.53 Difference: \$837,261.78 Percent: 10.68

The following shows the engineer's estimate and the proposed bids received for this project:

| | |
|-------------------------------------|----------------|
| Engineer's Estimate | \$7,839,972.75 |
| Z Contractors, Inc. | \$8,677,234.53 |
| Angelo Iafrate Construction Company | \$9,087,197.36 |
| Toebe Construction LLC | \$9,206,504.32 |
| Dan's Excavating, Inc. | \$9,816,373.97 |

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be bid higher than the engineer's estimate are structures, remove and cofferdams, special. The schedule for the project cannot begin prior to November 1, 2021, with most of the bridge work being completed through the winter months to minimize impacts to local businesses and coordinate the other work within the project. The required schedule for this work has caused these pay items to be bid higher than estimated. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of the schedule required to complete this work during the winter months. This project received four bids ranging from \$8,677,234.53 to \$9,816,373.97, which varied by 13.13 percent. However, the top three bids only varied by 6.10 percent. We believe that rejecting this bid and re-letting this

August 11, 2021

project will not result in lower bids, and the low bid should be considered reasonable based on the factors discussed.

The Bureau of Development and the Road Commission for Oakland County request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

| | | | | |
|---------------|----------------|-------------|---------------|--------------------|
| cc: J. Cotter | D. Harr | S. Thurman | T. Kratofil | Director Ajegba |
| A. Houska | R. Welter | L. Strzalka | C. Rademacher | MDOT-eProposal |
| K. Schuster | J. Hinkle | M. Shulick | C. Tennes | R. Worgess-Carveth |
| D. Potvin | M. Irish | H. Stinson | H. Hinchcliff | K. Farlin |
| L. Bretz | C. Masseau | D. Grover | J. Gutting | E. Poole |
| J. O'Leary | K. Kirkpatrick | T. Sauter | T. Avramenko | R. Levine |
| B. Travis | S. Minton | K. Webb | M. Chynoweth | R. Curtis |

BOD:DD:QA:MJI:raw

REQUEST FOR MICHIGAN STATE
TRANSPORTATION COMMISSION APPROVAL
LETTING EXCEPTIONS AGENDA

August 26, 2021

TRUNKLINE CONTRACT

- | | | |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| 1. | Letting of August 6, 2021 Letting Call: 2108 001 Project: RBMP 58152-205623, ETC Local Agreement: 21-5250 Start Date: September 13, 2021 Completion Date: April 28, 2023 | Low Bid: \$28,260,533.01 Engineer Estimate: \$24,172,982.24 Pct Over/Under Estimate: 16.91 % |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|

Bridge, superstructure, and culvert replacements, watermain relocation, roundabout construction, interchange reconstruction, guardrail work, concrete surface coating, approach work and pavement markings on 4 bridges along I-75, Monroe County. This project includes two 5-year materials and workmanship pavement warranties a 2-year concrete surface coating performance warranty.

5.00 % DBE participation required

| Bidder | As-Submitted | As-Checked | |
|-------------------------------------------|------------------------|-------------|------------|
| Walsh Construction Company II, LLC | \$28,260,533.01 | Same | 1** |
| Dan's Excavating, Inc. | \$28,750,806.42 | Same | 2 |
| Miller Bros. Const., Inc. | \$28,848,687.58 | Same | 3 |
| Toebe Construction LLC | \$29,551,766.26 | Same | 4 |
| Angelo Iafrate Construction Company | \$30,988,567.64 | Same | 5 |

Total Number of Bidders: 5

LOCAL AGENCY CONTRACTS

2. Letting of July 9, 2021
Letting Call: 2107 017
Project: TAU 82000-204928
Local Agreement: 21-5254
Start Date: 10 days after award
Completion Date: September 19, 2023
- Low Bid: **\$535,212.93**
Engineer Estimate: \$453,366.25
Pct Over/Under Estimate: 18.05 %

0.23 mi of hot mix asphalt shared-use path and parking lot, and integral curb with concrete sidewalk along Edward N. Hines Drive south of Ann Arbor Trail and north of Hines Drive, Wayne County. This is a Local Agency project. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor.

5.00 % DBE participation required

| Bidder | As-Submitted | As-Checked | |
|----------------------------------------|---------------------|-------------|------------|
| All Star Power Excavation LLC | \$535,212.93 | Same | 1** |
| JB Contractors Inc. | \$579,330.15 | Same | 2 |
| Warren Contractors & Development, Inc. | \$598,838.16 | Same | 3 |

Total Number of Bidders: 3

3. Letting of August 6, 2021
Letting Call: 2108 015
Project: STU 25000-207665
Local Agreement: 21-5310
Start Date: 10 days after award
Completion Date: May 20, 2022
- Low Bid: **\$2,945,666.61**
Engineer Estimate: \$2,461,203.50
Pct Over/Under Estimate: 19.68 %

1.39 mi of hot mix asphalt cold milling and resurfacing, storm sewer, concrete curb, gutter, sidewalk, and ramps, signing and pavement markings on Miller Road from Ballenger Highway to Hammerberg Road, in the city of Flint, Genesee County. This is a Local Agency project.

5.00 % DBE participation required

| Bidder | As-Submitted | As-Checked | |
|-------------------------------------|-----------------------|-------------|------------|
| Zito Construction | \$2,945,666.61 | Same | 1** |
| L. A. Construction, Corp. | \$3,151,990.00 | Same | 2 |
| C & D Hughes, Inc. | \$3,276,787.53 | Same | 3 |
| Fessler & Bowman, Inc. | \$3,347,000.00 | Same | 4 |
| Ajax Paving Industries, Inc. | \$3,716,258.13 | Same | 5 |
| Angelo lafrate Construction Company | \$3,738,911.00 | Same | 6 |

Total Number of Bidders: 6

4. Letting of August 6, 2021
Letting Call: 2108 039
Project: STU 63000-207705, ETC
Local Agreement: 21-5322
Start Date: 10 days after award
Completion Date: June 1, 2023

Low Bid: **\$8,677,234.53**
Engineer Estimate: \$7,839,972.75
Pct Over/Under Estimate: 10.68 %

0.46 mi of construction of a roundabout includes hot mix asphalt and concrete pavement, concrete curb, gutter and sidewalk, storm sewer and pavement markings and bridge replacement and approach work on Avon Road at Dequindre Road and over the Clinton River, Oakland County. This is a Local Agency project.

5.00 % DBE participation required

| Bidder | As-Submitted | As-Checked |
|-------------------------------------|-----------------------|-----------------|
| Z Contractors, Inc. | \$8,677,234.53 | Same 1** |
| Angelo Iafrate Construction Company | \$9,087,197.36 | Same 2 |
| Toebe Construction LLC | \$9,206,504.32 | Same 3 |
| Dan's Excavating, Inc. | \$9,816,373.97 | Same 4 |

Total Number of Bidders: 4

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the project described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of April 7, 2021.

Respectfully submitted,

Paul C. Ajegba, P.E.
Director

INFORMATION FOR MICHIGAN STATE

TRANSPORTATION COMMISSION

August 26, 2021

The following project information is being provided for informational purposes, as requested by the State Transportation Commission

TRUNKLINE CONTRACT

1. Letting of August 6, 2021
 Letting Call: 2108 012
 Project: HSIP 39022-201967
 Local Agreement:
 Start Date: October 4, 2021
 Completion Date: December 10, 2021

Low Bid: **\$384,759.09**
 Engineer Estimate: \$350,545.09
 Pct Over/Under Estimate: 9.76 %

6.81 mi of clearing and tree removal on I-94 from I-94BS easterly to 40th Street, Kalamazoo County.

2.00 % DBE participation required

| Bidder | As-Submitted | As-Checked | |
|-----------------------------------|---------------------|-------------|-------------|
| Mead Bros. Excavating Inc. | \$384,759.09 | Same | 1 ** |

Total Number of Bidders: 1

LOCAL AGENCY CONTRACTS

2. Letting of July 9, 2021
 Letting Call: 2107 049
 Project: ER 73000-212023
 Local Agreement: 21-5290
 Start Date: 10 days after award
 Completion Date: October 8, 2021

Low Bid: **\$279,433.68**
 Engineer Estimate: \$244,614.90
 Pct Over/Under Estimate: 14.23 %

0.25 mi of hot mix asphalt reconstruction, concrete sidewalk, drainage, signing and pavement markings on Freeland Road from River Road east to M-47, Saginaw County. This is a Local Agency project.

0.00 % DBE participation required

| Bidder | As-Submitted | As-Checked | |
|-------------------------------------|---------------------|-------------|-------------|
| Shaw Contracting Co. | \$279,433.68 | Same | 1 ** |
| Rohde Bros. Excavating, Inc. | \$288,120.00 | Same | 2 |
| Champagne and Marx Excavating, Inc. | \$290,325.75 | Same | 3 |
| Crawford Contracting, Inc. | \$338,068.70 | Same | 4 |
| The Isabella Corporation | \$243,100.64 | Same | WD |

Total Number of Bidders:5

3. Letting of August 6, 2021
 Letting Call: 2108 006
 Project: HRRR 43000-200117
 Local Agreement: 21-5284
 Start Date: 10 days after award
 Completion Date: October 15, 2021

Low Bid: **\$113,697.61**
 Engineer Estimate: \$114,581.80
 Pct Over/Under Estimate: -0.77 %

4.00 mi of curve signing and recessed pavement markings on Evergreen Road from 76th Street to 56th Street and 8th Street/James Road at Coho Lane, Lake County. This is a Local Agency project.

0.00 % DBE participation required

| Bidder | As-Submitted | As-Checked | |
|------------------------------|---------------------|-------------|-------------|
| P.K. Contracting, LLC | \$113,697.61 | Same | 1 ** |

Total Number of Bidders: 1

These projects, for which the bid is under Five Hundred Thousand Dollars (\$500,000) and has less than two (2) bidders or is a low bid rejection or have other bid issues, are being submitted for informational purposes. The contracts for these projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the projects described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum April 7, 2021.

Respectfully submitted,

Paul C. Ajegba P.E.
 Director